



Samsung Mythic SGH-a897 Motherboard Replacement

Replace the motherboard of your Samsung Mythic SGH-a897.

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INTRODUCTION

Use this guide to replace the motherboard of the Samsung Mythic SGH-a897.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Battery



- Slide your fingernail into the slit at the bottom of the phone to remove the back cover.

Step 2



- Place your finger in either of the bottom corner of the battery slot and lift to remove the battery.

Step 3 — Rear Case



- Remove six 5 mm Phillips #0 screws from the back of the phone.

Step 4



- Insert a plastic opening tool into the seam between the back case and the rest of the phone.
- Working along the seam, pry the back from the phone.

Step 5 — Camera



- Use a plastic opening tool to disconnect the camera cable from the motherboard.
- Carefully remove the camera from the phone.

Step 6 — Motherboard



- Remove the two remaining 3.75 mm Phillips screws.

Step 7



- Firmly grip the black lever with tweezers
- Use the tweezers to flip the black lever up so that it is perpendicular to the motherboard.

Step 8



- Carefully use the tweezers to slide the black ZIF cable out of the socket.

Step 9



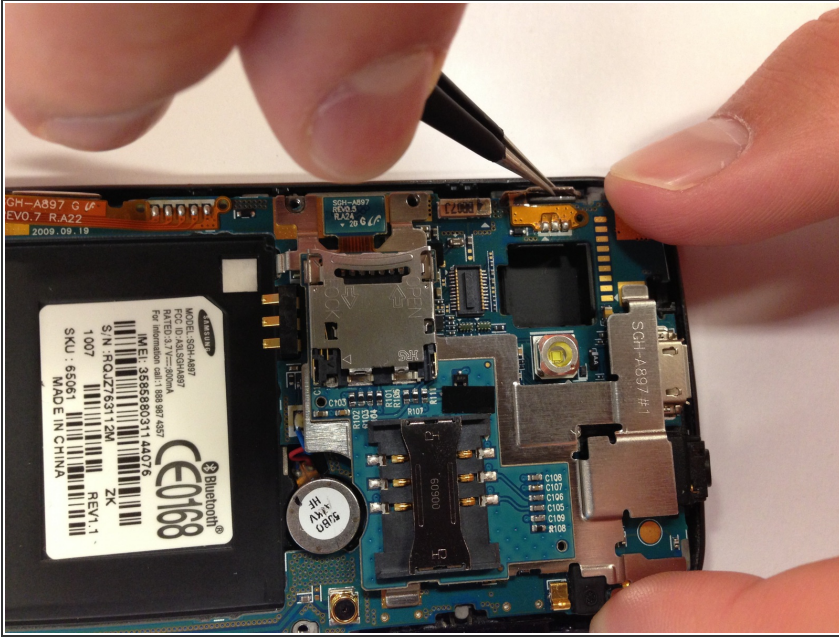
- Use the tweezers to unclip the black connector as shown.

Step 10



- Use the tweezers to unclip the orange flexible circuit board from the side of the phone.

Step 11



- Use the tweezers to unclip the other orange, smaller flexible circuit board.

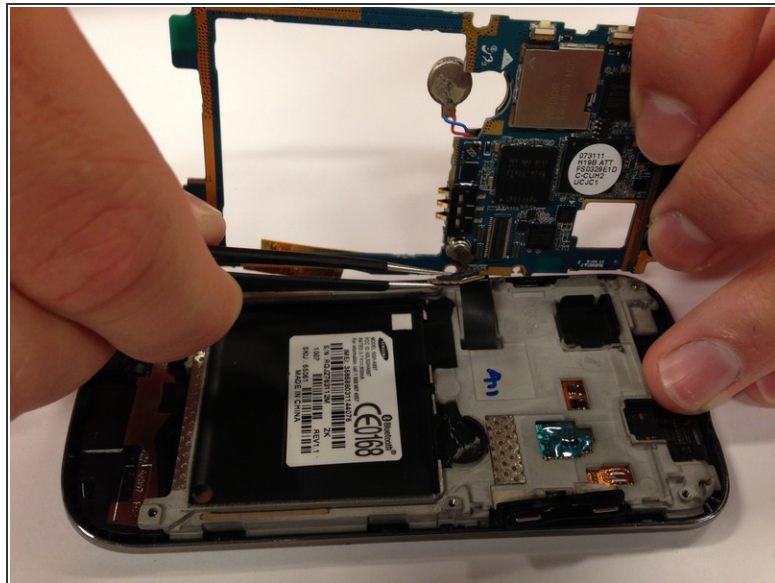
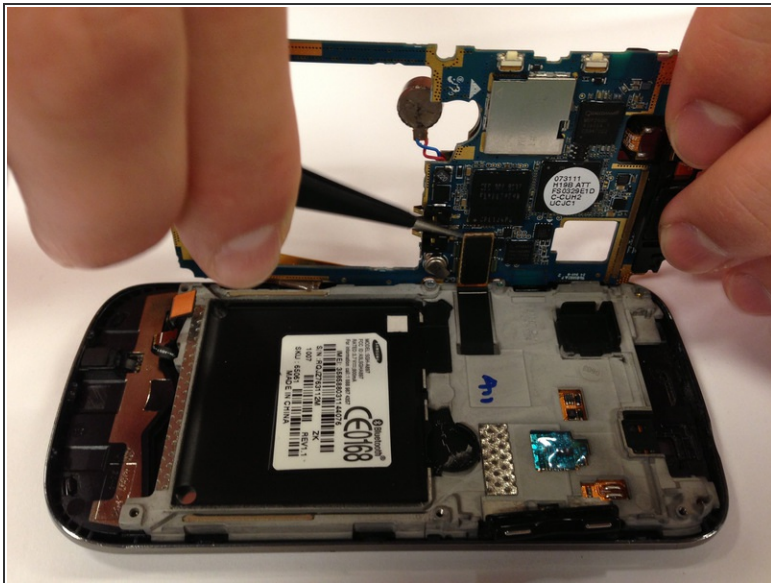
⚠ Work carefully. This is a very delicate part of the phone that can easily be broken.

Step 12



- Slide one side of the tweezers underneath the red and blue wires of the capacitor.
- Carefully apply pressure away from the phone to lift.

Step 13



- Carefully tilt the motherboard up from the back of the phone.
- ⚠ Don't remove the motherboard completely. There is one more clip on the backside of the motherboard that needs to be removed.
- Use tweezers to unclip the black connector.

To reassemble your device, follow these instructions in reverse order.

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